

WHAT IS CLAIMED IS

1. An electrical switch comprising:

a casing having a first chamber and at least one  
5 second chamber which are separated from each other by a  
partition;

a switching mechanism provided in the second chamber  
and comprising at least one fixed contact, a moving  
contact and an actuator for moving the moving contact  
10 into contact with and out of contact from the fixed  
contact;

an operator supported in the first chamber for  
angular movement between a first position causing the  
actuator to move the moving contact into contact with the  
15 fixed contact and a second position causing the actuator  
to move the moving contact out of contact from the fixed  
contact; and

engaging means engaging the actuator to the operator  
for movement thereby, the engaging means including a  
20 circular part that extends across the first and second  
chambers rotatably snugly through a circular hole in the  
partition such that partitioning between the first and  
second chambers is substantially splash, jet or dust  
proof.

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2. The electrical switch as claimed in claim 1, wherein  
the engaging means comprises a shaft which includes the  
circular part and fixedly inter-connects the actuator and

the operator and about which the actuator and the operator are angularly movable.

3. The electrical switch as claimed in claim 1, wherein  
5 the engaging means comprises a shaft which includes the circular part and is an integral part of the actuator extending to and engaging with the operator, about which the actuator and the operator are angularly movable.

10 4. The electrical switch as claimed in claim 1, wherein the first chamber has an opening in which the operator is supported, the operator fully occupying the opening and thus closing the first chamber.

15 5. The electrical switch as claimed in claim 1, wherein the casing has a side wall that is recessed to define the second chamber.

6. The electrical switch as claimed in claim 5, wherein  
20 the second chamber is closed by a cover which is attached around its edge to the casing, thereby sealing off the second chamber.

7. The electrical switch as claimed in claim 1, wherein  
25 the casing has two said second chambers on opposite sides of the first chamber separated therefrom by respective said partitions and housing respective said switching mechanisms which are simultaneously operable by the

operator.

8. The electrical switch as claimed in claim 7, wherein  
the casing has opposite side walls that are recessed to  
5 define the respective second chambers.

9. The electrical switch as claimed in claim 8, wherein  
the two partitions merges together in the lower half of  
the casing to form a single central wall between the two  
10 second chambers, on which the first chamber is located.

10. The electrical switch as claimed in claim 7, wherein  
the two actuators include respective pins as the engaging  
means which are co-axially aligned with each other and  
15 engage with the operator from opposite directions and  
about which the actuators and the operator are angularly  
movable.

11. The electrical switch as claimed in claim 1, wherein  
20 the switching mechanism comprises two said fixed  
contacts, and the moving contact comprises a contact  
lever extending across the fixed contacts for contact  
making and breaking therewith as pivoted by the actuator  
which acts upon the contact lever via a spring flippable  
25 by the actuator through an over-center action.

12. The electrical switch as claimed in claim 11,  
wherein the contact lever has a middle part acted upon by

the spring, and the actuator includes two legs positioned on opposite sides of the lever part for pivotal movement to press upon the lever part and thereby tilt the contact lever in opposite directions.

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13. The electrical switch as claimed in claim 1, being a rocker switch, wherein the operator comprises a rocker supported for pivotal movement.